



# RESEARCH, DEVELOPMENT and TECHNOLOGY TRANSFER QUARTERLY PROGRESS REPORT (QPR)

Wisconsin Department of Transportation (WisDOT)  
DT1241 5/2014

## INSTRUCTIONS:

Research principal investigators and/or project managers should complete a quarterly progress report (QPR) for each calendar quarter during which the projects are active.

<b>WisDOT Research Program Category</b> <input type="checkbox"/> Policy Research <input checked="" type="checkbox"/> Wisconsin Highway Research Program <input type="checkbox"/> Other: _____		<b>Report Period</b> (enter year and check which quarter) Year: <u>2014</u> <input type="checkbox"/> Quarter 1 (Jan 1 – Mar 31) <input type="checkbox"/> Quarter 3 (Jul 1 – Sep 30) <input type="checkbox"/> Quarter 2 (Apr 1 – Jun 30) <input checked="" type="checkbox"/> Quarter 4 (Oct 1 – Dec 31)	
<b>Project Title</b> Performance of Pile Supported Sign Structures		<b>WisDOT Project ID</b> 0092-14-02	
<b>Principal Investigator Name</b> Andrew Boeckmann	<b>Project Oversight Committee Chair Name</b> Jeff Horsfall	<b>Project Start Date (m/d/yyyy)</b> 8/8/2013	
<b>(Area Code) Telephone Number</b> 573-882-6084	<b>(Area Code) Telephone Number</b> 608-243-5993	<b>Original End Date (m/d/yyyy)</b> 2/7/2015	
<b>Email Address</b> boeckmanna@missouri.edu	<b>Email Address</b> Jeffrey.Horsfall@dot.wi.gov	<b>Current End Date (m/d/yyyy)</b> 2/7/2015	

## Project Schedule Status (check one)

☒ On Schedule ☐ On Revised Schedule ☐ Ahead of Schedule ☐ Behind Schedule

## Project Budget Status

Total Project Budget	Expenditures Current Quarter	Total Expenditures	% Funds Expended	% Work Completed
\$99,999.00	\$0.00	\$99,999.00	100%	95%

## Project Description

Perform a field load test and numerical modeling of two pile groups to investigate load transfer for sign foundations.

## Progress This Quarter (includes meetings, work plan status, contract status, significant progress, etc.)

The research team finished Task 3, Data Analysis and Interpretation, and Task 4, Final Report (draft), in this quarter. The research team completed interpreting the field research data using Ensoft GROUP and wrote about the results in the draft Final Report, which was submitted in early November. The report was reviewed by the technical review committee. The research team discussed the results of the committee's review with Jeff Horsfall by telephone and have implemented revisions to address the committee comments. The team is currently wrapping up the final version of the Final Report.

## Anticipated Work Next Quarter

The research team will submit the final draft of the Final Report in the next quarter. Once the report is submitted, the research team will schedule and deliver a final presentation to the technical oversight committee.

## Circumstances Affecting Project or Budget

Currently, work on the project is underway and is being performed consistent with the research plan and project budget.

## Attach / Insert Gantt Chart and Other Project Documentation

The Gantt chart from the research plan is included below. Currently the research team is working on the last step, Report Revisions and Final Submittal. The project is on schedule, consistent with the Gantt chart.

Task	Project Month																	
	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1. Literature Review																		
2. Field Research																		
3. Data Analysis																		
4. Final Report																		
Draft Final Report Submitted October 31, 2014																		
WisDOT Review																		
Report Revisions & Final Submittal																		
Final Final Report Submitted January 31, 2015																		

(\*enter text)

For WisDOT Use Only	
Staff Receiving QPR J. Walejko	Date Received (m/d/yyyy) 12/19/2014
Staff Approving QPR Jeff Horsfall	Date Approved (m/d/yyyy) 2/3/2015